

Amendments to the Specification

Please replace the Brief Description of the Drawings beginning at page 4, line 26 with the following:

Preferred non-limiting embodiments of the present invention will be described by way of example with reference to the accompanying drawings, in which:

FIG. 1 illustrates a conventional mass flow controller.

FIG. 2 illustrates one embodiment of a mass flow controller that includes a flow sensor with a flow sensor conduit and a bypass of the present invention.

FIG. 3A illustrates one embodiment of a bypass in a fluid bypass housing of the present invention.

FIG. 3B illustrates another embodiment of a bypass in a bypass housing of the present invention.

FIG. 3C illustrates another embodiment of a bypass in a bypass housing of the present invention.

FIG. 4A is an exploded view of the bypass housing of Figure 3A and 3B.

FIG. 4B is an exploded view of the bypass housing of Figure 3C.

FIG. 5A shows another view of the bypass of Figure 3A.

FIG. 5B shows another view of the bypass of Figure 5A.

FIG. 6 is a cross section of the bypass of Figure 5 along line ~~C-C~~ 6-6.

FIG. 7A illustrates one embodiment of the bypass of the Figure 3A.

FIG. 7B shows a cross sectional view of the bypass of Figure 7A along line ~~E-E~~ 7B-7B.

FIG. 8 is ~~a side view~~ end views of the bypass of Figure 7A.

FIG. 9 illustrates end views of capillary tubes positioned in the bypass of Figure ~~7B~~ 7A.

FIG. 10 illustrates another embodiment of a bypass of the present invention.

FIG. 11 is a cross sectional view of the bypass of Figure 10.

~~Fig~~ FIG. 12 illustrates an end view of the bypass of Figure 10.

~~Fig~~ FIG. 13 illustrates an end view of other embodiments of the bypass of Figure 10.

Fig FIG. 14A is an end view of another embodiment of the bypass of the present invention.

FIG. 14B is an end view of another embodiment of the bypass of the present invention.

Fig FIG. 15 is an end view of another embodiment of the bypass of the present invention.

Fig FIG. 16 is an end view of one embodiment of a bypass aperture with capillary tubes and flow restrictor.

Fig FIG. 17A is an end view of one embodiment of the bypass housing.

Fig FIG. 17B is an end view of another embodiment of the bypass housing.

Fig FIG. 17C is an end view of another embodiment of the bypass housing

Fig FIG. 18A is ~~a-side~~ an end view of the housing of Figure 17B illustrating a flow restrictor and capillary tubes.

Fig FIG. 18B is ~~a-side~~ an end view of the housing of Figure 17C illustrating a flow restrictor and capillary tubes.

Fig FIG. 19 is an end view of the capillary tube and flow restrictor of Figure 18A.

Amendments to the Drawings

Please replace Figs. 5A and 7A, contained in drawing sheets 4 and 5 with the attached replacement figures